



CHAIRMAN OF THE JOINT CHIEFS OF STAFF MANUAL

J-4

DISTRIBUTION: A, B, C, J, S

CJCSM 3150.14A

30 April 2000

JOINT REPORTING STRUCTURE LOGISTICS

- Reference(s):
- a. DOD 4140.25-M, latest edition, "Management of Bulk Petroleum Products, Natural Gas, and Coal"
 - b. CJCSM 3150.16 March 1996 "Joint Operation Planning and Execution System Reporting Structure (JOPEsREP)"
 - c. Joint Pug 1-03.3 August 1993, "Joint Reporting Structure Status of Resources and Training System (SORTS)"
 - d. Technical Document (TD) 18-14-2, 26 October 1992, with Changes 1 and 2, "Joint Operation Planning and Execution System (JOPES) Users Data Element Dictionary"
 - e. DOD 8910.1M, November 1986, "DOD Procedures for Management of Information Requirements"

1. Purpose. This manual establishes:

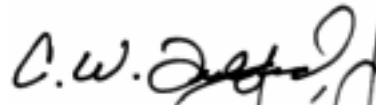
- a. The policy of the Chairman of the Joint Chiefs of Staff on uniform reporting requirements for logistics matters under the JRS.
- b. Detailed procedures and sample reporting formats for logistic reports.

2. Cancellation. CJCSI 3150.14, "Joint Reporting Structure (JRS) - Logistics," 6 June 1997, is hereby cancelled.

3. Applicability. This manual applies to the JS, combatant commands, Military Services, and Defense agencies.

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4. Procedures. Detailed procedures for preparing and submitting logistics data as part of the JRS are provided in the enclosures.
5. Additional Copies of Manuals. JS directorates may obtain a limited number of copies of this manual from the Records and Information Research Branch, Room 2B917. The Services, CINCs, Defense agencies, and all other holders are authorized to reproduce, print, and stock additional copies to meet their internal distribution requirements.
6. Summary
 - a. Eliminates the annual REPOL reporting requirement.
 - b. Establishes E-mail and FAX as authorized transmission means for Munitions and POL reports (also establishes formats for each).
 - c. Creates an automatic trigger for reporting of the MUREP and REPOL on C-day.
7. Releasability. This manual is approved for public release; distribution is unlimited. DOD components (to include the combatant commands), other Federal agencies, and the public may obtain copies of this instruction/ manual/notice through the Internet from the CJCS Directives Home Page--<http://www.dtic.mil/doctrine>. Copies are also available through the Government Printing Office on the Joint Electronic Library CD-ROM.
8. Effective Date. This manual is effective upon receipt.



C.W. FULFORD, JR
Lieutenant General, U.S. Marine Corps
Director, Joint Staff

Enclosure(s):

- A--Bulk Petroleum Contingency Report (REPOL)
 - Appendix A--Unified Command REPOL Activities and Locations
 - Appendix B--Sample REPOL Report
- B--Bulk Petroleum Capabilities Report (POLCAP)
 - Appendix A--Unified Command Subtheater Activities and Locations
 - Appendix B--Sample POLCAP Message Update
- C--Civil Reserve Air Fleet Summary Report (CRAFREP)

Appendix--Sample CRAFREP Report
D--Munitions Status Report (MUREP)
Appendix--Sample MUREP Report
E--Transportation Feasibility Analysis (JFAST)
GL--Glossary
Part I--Abbreviations and Acronyms
Part II--Definitions

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RECORD OF CHANGES

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JOINT REPORTING STRUCTURE LOGISTICS

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ENCLOSURE A

BULK PETROLEUM CONTINGENCY REPORT

(SHORT TITLE-REPOL)

1. Purpose. The REPOL provides the JS, Military Services, and DESC with summary information on bulk petroleum inventories, damage assessment for bulk petroleum distribution systems, and other strategic information pertaining to bulk petroleum support posture. The REPOL is not intended to replace reports needed to manage bulk petroleum resupply in accordance with DODI 4140.25-M, latest edition, "Management of Bulk Petroleum Products, Natural Gas, and Coal." The following assumptions apply:

- a. During a period of increased tension, or under wartime conditions, current and strategic information on bulk petroleum posture will be required.
- b. Under war conditions, the JS, Military Services, and DESC may be operating from a remote or mobile C2 center and may not have access to the large volume of detailed information normally available.
- c. The REPOL may be used as a basis for determining recommendations and decisions for petroleum resupply actions.
- d. The Bulk Petroleum Terminal Message Report (RCS: DLA(W) 1884 (DESC-MIN)) will continue to be submitted in accordance with DODI 4140.25-M.
- e. Monthly slates for tanker resupply deliveries, including the emergency slate, will be submitted separately in accordance with DODI 4140.25-M. Interim slate changes may be included in the remarks section of the REPOL.
- f. Activities submitting REPOLs (e.g., unified command JPOs) need greater detail concerning petroleum support posture in their respective geographic areas. These activities may publish separate REPOL reporting instructions to subordinate activities.

Enclosure A

2. Submitted By. The REPOL will be submitted by the JPOs in USJFCOM, USEUCOM, USPACOM, USSOUTHCOM, and USCENTCOM. DESC will be responsible for submitting REPOL reports for stocks reported by CONUS defense fuel regions. DESC is not required to report DOS data for (CONUS) defense energy regions. The Department of the USAF, or its designee, will submit REPOL reports on essential CONUS base petroleum facilities when requested by the JS. This report should include all bulk facilities owned and operated by US defense activities--those under contract for the US and those facilities where arrangements have been made with a HN for United States use during times of crisis or war.

3. Submitted To. REPOLs should be submitted to the address indicating group (AIG) 935. Any AIG 935 addressee wishing to be exempted from receiving specific REPOL reports should notify the appropriate reporting command. If requested, reporting commands should use AIG exempting procedures.

4. When Submitted. REPOLs will be submitted during contingencies or when directed by the JS or when considered appropriate by reporting commanders. At a minimum during contingencies the REPOL will be submitted at C-Day (if not already initiated). Once reporting begins, REPOLs will be forwarded every 48 hours based on the best available bulk petroleum data, unless otherwise directed by the JS.

5. How Submitted

- a. Classification. Reports will be classified according to content.
- b. Transmission. Reports will be submitted by message or classified E-mail or FAX.
- c. Precedence. Messages will be submitted with a precedence of IMMEDIATE.
- d. MINIMIZE. Imposition of MINIMIZE will not change the method of transmission or precedence of the message.

Enclosure A

6. Report Content. Report content will be in three parts, as follows:

a. Part I, Facility Damage (Storage, Distribution, Ports)

(1) <u>Facility</u>	<u>Damage/Status</u>	Estimated Return To <u>Service Date (ERSD)</u>
---------------------	----------------------	---

(2) Damage or Status Assessment. Impact assessments should be provided for damage reported in paragraph 1 above. If there is no significant mission impact, a damage report is not required. Include changes in status for facility damage previously reported.

b. Part II, Product Status

<u>Product</u>	On Hand Inventory (<u>MBBL</u>)	Usable Storage Capacity (<u>MBBL</u>)	Days of Supply (<u>DOS</u>)	Consumption Since Last Report (<u>MBBL</u>) ¹
JP8/JA1				
JP5				
F76/DFM				
DIESEL (Ground)				
MOGAS				
JP4				
Additives (gal)				
Other				

(See Appendix A for recommended activities and locations to be reported by unified commands.)

c. Part III, Remarks. A general summary should be included on the impact of product shortages and distribution limitations and anticipated resupply on combat and planned operations. DESC should include remarks on capability to meet unified command and Service requirements. Other information on bulk petroleum support posture should be included, as deemed appropriate by reporting commanders.

Enclosure A

7. Specific Reporting Instructions

- a. Quantities of petroleum will be expressed in thousands of barrels (MBBL). Additives will be expressed in gallons (gal).
- b. Facility damage reported in Part I, paragraph 1, will be identified as light (LGT), moderate (MOD), or severe (SEV). Explanation of damage category codes is as follows:
 - (1) LGT. Light level of damage, not preventing immediate use of facility.
 - (2) MOD. Moderate level of damage, preventing use of facility until extensive repairs are complete.
 - (3) SEV. Severe level of damage, permanently preventing use of facility.
- c. Define consumption for one DOS (provide rationale if appropriate).
- d. If DOS are significantly different for sublocations within a reported location (e.g., Norway and Denmark in AFNORTHWEST for USEUCOM), that information should be included in the remarks section or in Part II.

8. Sample Report. A sample report, in US message text format, is provided in Appendix B to this Enclosure. Also use as a “general guide” when submitting by E-mail or FAX.

APPENDIX A TO ENCLOSURE A

UNIFIED COMMAND AREA OF RESPONSIBILITY
REPOL ACTIVITIES AND LOCATIONS

1. USJFCOM report of product status at the following locations:

EASTERN ATLANTIC (EASTLANT) (includes Scotland, Norway,
England and Iceland)
WESTERN ATLANTIC (WESTLANT) (includes Lajes)

JFCOM TOTAL

Other

2. USEUCOM report of product status at the following locations:

AIR FORCE NORTHWEST COMMAND (AFNORTHWEST) (including
MPS-1 inventory as appropriate)
AIR FORCE CENTRAL COMMAND (AFCENT)
Spain-Portugal (not including Navy Fleet)
AIR FORCE CENTRAL COMMAND (AFSOUTH) (including fleet posture
for Mediterranean)

USEUCOM TOTAL

Other

3. USPACOM report of product status at the following locations:

Korea	Alaska
Japan-Okinawa	Diego Garcia
Guam	Singapore
Hawaii	Afloat Pre-positioning Force (APF)
	MPS-2 and 3 (unless chopped to another CINC)

Appendix A
Enclosure A

USPACOM TOTAL

Other

4. USCENTCOM report of product status at the following locations:

Egypt	Saudi Arabia, Somalia
Bahrain	United Arab Emirates
Kuwait	Jordan
Oman	Kenya
Qatar	Djibouti

USCENTCOM TOTAL

Other

5. USSOUTHCOM report of product status at the following locations:

Panama

Caribbean	(includes Roosevelt Roads, Guantanamo Bay, Cuba)
-----------	---

Honduras

USSOUTHCOM TOTAL

Other

- NOTE:
1. The above recommended reporting locations may be modified based on specific contingencies or crises requiring REPOLs.
 2. "Other" designations are for areas supporting forces for the CINC but outside the theater AOR.

APPENDIX B TO ENCLOSURE A

SAMPLE REPOL REPORT

FM: USCINCEUR VAHINGEN GE//ECJ4-LIJ//

TO: AIG 935

(Classification)

MSGID/REPOL/CINCEUR/001//

ASOFDTG/200800Z//

7FACDAM

/DE/FACILITY

/DAMAGE/ERSD

/01/DONGES

/MOD /891028//

GENTEXT/COMMAND ASSESSMENT/DONGES PIER OUT-OF-SERVICE, TANKERS BEING
DIVERTED TO PIRIAC.//

7PROSTAT

/DE/ACTLOC

/PRODUCT/INVENT/STORCAP/DOS/CONSUMP

/01/AFNORTHWEST

/MOGAS / 25000/ 32000/ 30/ 700/

/02/AFNORTHWEST

/JP8 / 7000/ 10000/ 19/ 300/

/03/AFNORTHWEST

/JP5 / 9850/ 17250/ 16/ 200/

/04/AFNORTHWEST

/F76 / 8700/ 11500/ 15/ 150/

/05/AFCENT

/MOGAS / 23000/ 38500/ 28/ 600/

/06/AFCENT

/JP8 / 8500/ 12400/ 21/ 400/

/07/AFCENT

/F76 / 9200/ 12000/ 17/ 100/

/08/SPAIN-PORTUGAL

/MOGAS / 23000/ 25500/ 29/ 150/

/09/SPAIN-PORTUGAL

/JP8 / 8700/ 12500/ 22/ 300/

/10/SPAIN-PORTUGAL

/DIESEL / 9300/ 13400/ 18/ 350/

/11/AFSOUTH

/MOGAS / 21000/ 32400/ 25/ 200/

/12/AFSOUTH

/JP8 / 8200/ 11280/ 19/ 500/

/13/AFSOUTH

/JP4 / 9370/ 10240/ 14/ 100/

/14/AFSOUTH

/DIESEL / 8840/ 9760/ 15/ 150/

/15/AFSOUTH

/JP5 / 9735/ 14850/ 14/ 400/

/16/AFSOUTH

/F76 / 9200/ 11585/ 17/ 350/

/17/AFSOUTH

/FSII / 5000/ 5000/ 40/ 150//

7TOTSTAT

/PRODUCT/INVENT/STORCAP/DOS/CONSUMP

/MOGAS / 92000/ 128000/ 25/ 1650/

/JP8 / 32100/ 46180/ 22/ 1500/

/JP4 / 9370/ 10240/ 14/ 100/

/DIESEL / 18140/ 23160/ 16/ 500/

/JP5 / 19585/ 32100/ 15/ 600/

/F76 / 18100/ 35085/ 16/ 600/

/FSII / 5000/ 5000/ 40/ 150//

RMKS/ALL QUANTITIES IN MBBLS EXCEPT ADDITIVES WHICH ARE IN GAL/HNS FOR MSC
BUNKER REQUIREMENTS IN AFCENT HAS BEEN CONFIRMED WITH HOST COUNTRIES.//

DECL/OADR//

Appendix B
Enclosure A

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Appendix B
Enclosure A

ENCLOSURE B

BULK PETROLEUM CAPABILITIES REPORT

(SHORT - TITLE - POLCAP)

1. Purpose. The POLCAP provides the JS, Military Services, and DESC with an assessment of bulk petroleum capabilities to support contingency requirements in a specific theater or subtheater area.
2. Submitted By. The POLCAP reports and updates will be submitted by the JPOs of USJFCOM, USCENTCOM, USEUCOM, USPACOM, and USSOUTHCOM.
3. Submitted To. POLCAPs will be submitted to the JS, J-4, with information copies to the Army (USA), Navy (USN), and USAF Energy Offices; HQ Marine Corps (USMC), Code LPP; DESC, and other JPOs.
4. When Submitted. The POLCAP will be submitted annually and is due not later than 1 May of each year. During periods of increased activity or tensions, the J-4, JS, may require updates to the latest annual POLCAPs to ensure that essential bulk petroleum capability assessments are available to support required actions by the NCA. POLCAP updates may be required for the entire theater or for a subtheater area based on the specifics of the increased activity or tension. Interim updates should also be submitted for significant changes in petroleum support capabilities during peacetime, as deemed appropriate by the applicable JPO.
5. How Submitted
 - a. Classification. Reports will be classified according to content.
 - b. Transmission. Annual reports will be submitted by letter. POLCAP updates will be submitted by message, E-mail, or FAX.

Enclosure B

- c. Precedence. POLCAP update messages will be submitted with a precedence of PRIORITY.
- d. MINIMIZE. Imposition of MINIMIZE will not change the method of transmission or precedence of POLCAP update messages.

6. Annual Report Content. The POLCAP will contain the following information:

- a. Bulk Petroleum Distribution. Provide concept of resupply and method of distribution for theater and subtheater areas.

- b. DOS Sustainability Assessments. Provide DOS sustainability assessments for the theater for the most demanding regional operation plan (OPLAN (identify the OPLAN)). Assessments should be based on BPWRS and on the average inventory on hand (including HN support assets when appropriate) for the following products:

- JP8/JA1
- JP5
- F76/DFM
- DIESEL (Ground)
- MOGAS
- JP4
- ADDITIVES (Gallons)
- Other

DOS assessments should be by subtheater activities and locations listed in Appendix A to this Enclosure. The effect of out-of-theater WRS assets should be annotated. (If the regional OPLAN assessment involves TOP SECRET information, separate and limited distribution on a need-to-know basis is authorized.)

- c. In-Transit Stocks. Provide the average quantity of bulk petroleum products in-transit by tanker and pipeline for locations listed in Appendix A to this Enclosure.

d. Additives. Provide the status of additives, injection equipment, and personnel trained to inject additives. Report status by location.

e. Host-Nation Support. Provide status of HNS for petroleum logistics. (This information also serves as the unified command input for the annual HNS POL report to the Office of the Secretary of Defense.)

f. Commercial Sources of Refined Products. Provide estimates of the durability of resupply from overseas contract sources for theaters and of the potential to expand overseas sources to meet contingency requirements.

g. Status of and Requirements for Bulk Fuel Handling Equipment. Provide the following data:

	<u>Usable on Hand</u>	<u>Total Required</u>
(1) Tank cars		
(2) Tank trucks (line haul)		
(3) Refueling trucks		
(4) Portable petroleum distribution systems (by type)		
(5) Inland petroleum distribution system (IPDS)		
(6) Offshore petroleum discharge system (OPDS)		
(7) Console-capable tankers (by type: alongside, astern, modular delivery system)		

h. Facilities. Provide contingency construction requirements for fuel facilities.

i. Other. Provide other petroleum capability information as appropriate.

j. Constraints. Provide information on constraints.

k. Correcting Deficiencies. Provide information on actions being taken to correct deficiencies.

l. JS, Service, and DESC Assistance Required. Annotate the assistance required to improve petroleum support capabilities and correct deficiencies.

7. Sample Report. A sample report for POLCAP message update, in US message text format, is provided in Appendix B to this Enclosure.

APPENDIX A TO ENCLOSURE B

UNIFIED COMMAND SUBTHEATER ACTIVITIES AND LOCATIONS

1. USJFCOM:

EASTLANT	(includes Scotland, Norway, England, and Iceland)
WESTLANT	(includes Lajes)

USJFCOM TOTAL

Other

2. USEUCOM:

AFNORTHWEST	(including MPS-1 as appropriate)
AFCENT	
Spain - Portugal	(not including Navy Fleet)
AFSOUTH	(including fleet posture for Mediterranean)

USEUCOM TOTAL

Other

3. USPACOM:

Korea	Alaska
Japan -	Okinawa Diego Garcia
Guam	Singapore
Hawaii	APF MPS-2 and 3 (unless chopped to another CINC)

USPACOM TOTAL

Other

4. USCENTCOM:

Egypt	Saudi Arabia, Somalia
Bahrain	United Arab Emirates
Kuwait	Jordan
Oman	Kenya
Qatar	Djibouti

USCENTCOM TOTAL

Other

5. USSOUTHCOM:

Panama

Caribbean	(includes Roosevelt Roads, PR; Guantanamo Bay, Cuba)
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Honduras

USSOUTHCOM TOTAL

Other

NOTE: 1. The above recommended reporting locations may be modified based on specific contingencies or crises requiring POLCAPs.

2. "Other" designations are for areas supporting forces for the CINC but outside the theater AOR.

APPENDIX B TO ENCLOSURE B
SAMPLE POLCAP MESSAGE UPDATE

FM: USCINCEUR VAIHINGEN GE//ECJ4-LIJPO//
TO: JOINT STAFF WASHINGTON DC//J4-SMPD//
INFO: DA WASHINGTON DC//DALO-TSE//
CNO WASHINGTON DC//OP-0413//
HQ USAF WASHINGTON DC//ILSF//
CMC WASHINGTON DC//LPP/LPO/POC//
DESC FT BELVOIR VA//DESC-O//

UNCLAS

MSGID/RRI/USEUCOM//

REF/A/DOC/OJCS//

AMPN/CJCSI 3150A.14//

RMKS/SUBJ: POLCAP UPDATE//

1. SEALIFT ATLANTIC SEVERELY DAMAGED FUEL PIER AT DFSP GAETA (UY7167) DURING BERTHING TO DISCHARGE CARGO CC1047 ON 16 AUG 89. PORT AUTHORITIES ESTIMATE PIER WILL BE OUT OF SERVICE FOR APPROX 4 MONTHS. TANKER ACCESS TO DLA STOCKS WILL NOT BE POSSIBLE DURING REPAIR PERIOD.
2. WILL PROVIDE UPDATED STATUS OF REPAIR ACTIONS AS APPROPRIATE.//

Appendix B
Enclosure B

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Appendix B
Enclosure B

ENCLOSURE C

CIVIL RESERVE AIR FLEET SUMMARY REPORT

(Short Title - CRAFTREP)

1. Purpose. The purpose of the CRAFTREP is to provide the Chairman of the Joint Chiefs of Staff with summary information on the availability status of the Civil Reserve Air Fleet (CRAF) during wartime or increased readiness conditions.
2. Submitted By. USCINTRANS.
3. Submitted To. J-4/MD/LRC with information to the combatant CINCs.
4. When Submitted. Within 6 hours after declaration of a national emergency or when directed by the Chairman of the Joint Chiefs of Staff. After the initial report, follow-on reporting will be every 24 hours after the activation message or as needed.
5. How Submitted
 - a. Classification. Reports will be classified according to content.
 - b. Transmission. Reports will be submitted by message or E-Mail (secure if required).
 - c. Precedence. Messages will be submitted with a precedence of IMMEDIATE.
 - d. MINIMIZE. Imposition of MINIMIZE will not change the method of transmission or precedence of message.
6. Report Indicator. "CR."
7. Specific Reporting Discussions
 - a. This is a semi-formatted narrative report.

Enclosure C

b. The CRAFREPREP is rendered for civil reserve aircraft under the mission control of the Commander, Air Mobility Command (AMC), and is prepared in two parts using the format specified in paragraph 8 below.

8. Report Content

a. Parts I-A through I-C--Statistical Data. The CRAF availability information by passenger, cargo, and aeromedical aircraft is reported in seven columns as shown below. See the sample report in Appendix A. (Part I-A--Statistical Data for Passenger (PAX) Aircraft; Part I-B--Statistical Data for Cargo Aircraft; and Part I-C--Statistical Data for Aeromedical Aircraft.)

<u>Column No. and Heading</u>	<u>Type of Data</u>
(1) A/C	Enter type of aircraft, using civilian designation.
(2) 6H	Enter number of aircraft available in 6 hours.
(3) 12H	Enter number of aircraft available in 12 hours.
(4) 1D	Enter number of aircraft available in 24 hours.
(5) 1D	Enter number of aircraft available in 48 hours.
(6) 4D	Enter number of aircraft available in 96 hours.
(7) UNAV	Enter number of aircraft unavailable because of heavy maintenance or other reasons.

Enclosure C

- b. Part II--Comments. This section is used to comment on any circumstance or condition that affects the readiness and operation of these forces.
9. Sample Report. A sample report is provided in the Appendix to this Enclosure.

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APPENDIX TO ENCLOSURE C
SAMPLE CRAFREP REPORT

ORIGINATOR OF REPORT

ADDRESSEE

CLASSIFICATION

REPORT IDENTIFICATION

PART I-A--STATISTICAL DATA FOR PAX AIRCRAFT

A/C	6H	12H	1D	2D	4D	UNAV
B747		4	8	12	40	40 0
L1011	2	3	4	32	32	0
DC-10	1	4	4	30	20	0
MD-11	1	0	2	2	2	0

PART I-B--STATISTICAL DATA FOR CARGO AIRCRAFT

A/C	6H	12H	1D	2D	4D	UNAV
B747F	2	5	6	6	6	0
DC8C/F	3	6	10	10	12	1
MD-11F	0	0	0	8	8	0
DC-10F	2	4	4	4	6	0

PART I-C--STATISTICAL DATA FOR AEROMEDICAL AIRCRAFT

A/C	6H	12H	1D	2D	4D	UNAV
B767	0	0	2	13	13	0

PART II--COMMENTS

COM 1. AIRLIFT FORCES ARE OPERATIONALLY READY BUT NONAVAILABILITY OF PARTS FOR DC8C/F FLEET CONSTITUTES A SERIOUS HANDICAP FOR ANY PROLONGED AIRLIFT OPERATIONS.

DECL/OADR//(If required)

Note: End of sample report. Figures are used for illustration and do not reflect current capability.

ENCLOSURE D

MUNITIONS STATUS REPORT

(Short Title - MUREP)

1. Purpose. The MUREP provides the CJCS, CINCs, and Military Services with the ability to monitor critical munitions items worldwide that affect warfighting capabilities during hostilities, emergencies, or exercises. In addition, the reported information will be used in support of JMPAB deliberations.
2. Submitted By. All unified commands will submit MUREPs as instructed by the JS. MUREPs can be initiated by either the JS or CINCs. Reports will address the ammunition status of all US forces assigned or within their operational control.
3. Submitted To. All MUREPs will be submitted to J-4, JS, and/or the requiring CINC with information copies provided to all Services and the SMCA
4. When Submitted. The MUREP will not normally be submitted under peacetime conditions. Submission will begin when directed by the JS or when considered appropriate by reporting commanders. The report cutoff time will be daily as of 2400Z with a transmission time NLT 0600Z the following day. Reports will be numbered sequentially.
5. How Submitted
 - a. Classification. Reports will be classified SECRET.
 - b. Transmission. Reports will be submitted via classified E-mail. JS will provide the appropriate classified e-mail addresses to the reporting unit when MUREP is initiated. If classified e-mail is not available, submit reports via message.
 - c. Precedence. If required, messages will be submitted with a precedence of IMMEDIATE.

Enclosure D

d. MINIMIZE. Imposition of MINIMIZE will not change the method of transmission or precedence of the messages.

6. Report Indicator. "MR."

7. Specific Reporting Instructions

a. Items to be Reported. The Joint of Staff or the warfighting CINC will identify those munitions items required to be reported. Normally these are items critical to OPLAN execution. Additional items deemed important to the Joint Staff or warfighting CINC may be included in the report.

b. General Rules for Preparation of Reports

(1) The MUREP will be submitted in spreadsheet format: as described below and depicted in the appendix to this chapter. CINC reports will contain separate worksheets for each service component and a roll-up worksheet summarizing theater totals.

(2) Column A. Identify all items to be reported using common munitions name or item nomenclature. With JS concurrence, munitions may be rolled-up by munitions family.

(3) Column B. Report numeric value of applicable requirements. The JS or initiating CINC requiring the MUREP will provide duration requirements by munitions nomenclature to be tracked (30-day, 90-day, OPLAN phase, etc.). It will be extracted from the current OPLAN being executed or contemplated for execution. Where requirements are not contained in the OPLAN, applicable computed requirements will be shown. Basic source for requirements will be noted by the submitting organization in the "remarks" column.

(4) Column C. Report all in-theater combat-usable assets available at the beginning of the reporting day (including all stocks except Condition Codes F, G, H, J, L, or P) on a complete round basis. Prior to the start of reporting, the JS, unified commands, and service components will resolve how complete rounds and sub-components will be reported. Each complete round will

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contain an annotation in the “remarks” column noting what component is the limiting factor in build-up capability.

(5) Column D. Report all munitions received during the reporting period to include resupply, chop of forces from one CINC to another, or assets returned to a serviceable condition. Theater quantities on-hand will be reported as received using service component rules for accountability. Munitions stored aboard pre-positioned ships will be reported on-hand when OPCON to the CINC and accounted for by the service component.

(6) Column E. Report all combat expenditures during the reporting period.

(7) Column F. Report other munitions losses during the reporting period not involving combat expenditures (i.e., mishap damage, condition code changes, transfers, etc.).

(8) Column G. Report balance at end of reporting period. (Column C plus D minus E minus F).

(9) Column H. Report total munitions expended during the operation.

(10) Column I. Calculate expenditures per day (Column G divided by number of days the operation has been executed).

(11) Column J. Calculate remaining days of supply (Column G divided by Column I).

(12) Column K. Calculate estimated capability (Column G divided by Column B).

(13) Column L. Provide any remarks necessary to clarify data. Appropriate items for inclusion are:

(a) Basis for requirement data, either OPLAN or Service-computed requirement.

- (b) Status of Service resupply actions to extent known.
- (c) Ammunition conservation measures (controlled supply rates) in force and impact on operations.
- (d) Explanation of ammunition losses and receipts due to chop of forces, sabotage, accidents, etc.
- (e) Limiting factors for complete round build-up.
- (f) In the event of a shortfall, the availability of substitute munitions that can be used to perform the mission.
- (g) Items received by one Service, but provided to other Service(s) under common item resupply distribution agreements.

c. Other Instructions

(1) If required, message reports will be formatted to provide the same information required on spreadsheets. Addressees must include:

TO: JOINT STAFF WASHINGTON DC//J4-SMPD//
INFO: CSA WASHINGTON DC//DAMO/DALO//
CNO WASHINGTON DC//N311/N312/N41/NCC//
HQ USAF WASHINGTON DC//XOXC/AFOC/ILMW/CSC//
CMC WASHINGTON DC//L/LRCC/LPO/LFT/ASL/POC//
EDCA ALEXANDRIA VA//AMXED-D//
CDR AMC ALEXANDRIA VA//AMCAM-LG//
USCINCEUR VAHINGEN GE//ECJ4//
USCINCCENT MACDILL AFB FL//CCJ4//
USCINCPAC HONOLULU HI//J4//
USCINCSO MIAMI FL//J4//
USCINCSOC MACDILL AFB FL//SOAL/SOOP//
USCINACOM NORFOLK VA//J4//
COMUSKOREA SEOUL KOREA//J4//

(2) For CJCS-sponsored exercises, the Services will develop STARTEX databases to reflect asset posture in the wholesale and retail system (to Service component command level) for all exercise-selected munitions items. The Services will disseminate STARTEX data to their components NLT 1 month

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before the STARTEX date, with information copies to the JS J4/SMPD and participating CINCs. The JS will announce the "as of date" to be used by the Services in developing the STARTEX data. Commands will use the Service provided data for initial report preparation.

8. Sample Report. A sample MUREP spreadsheet is provided in the Appendix to this Enclosure. The Joint Staff will provide CINCs a sample report via classified E-mail prior to initiation on MUREP reporting.

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APPENDIX TO ENCLOSURE D
SAMPLE MUREP SPREADSHEET

MUNITION	REQ	BEGIN BALANCE	RECEIPTS	EXPEN- DITURES	OTHER LOSSES	END BAL	TOTAL EXP	EXP PER DAY	ON HAND DOS	EST CAP	REMARKS

(INTENTIONALLY BLANK)

ENCLOSURE E

TRANSPORTATION FEASIBILITY ANALYSIS

(SHORT TITLE--JFAST)

1. Purpose

a. JFAST. This Transportation Feasibility Analysis enclosure is the reporting mechanism for entry and update of data to support the JFAST. This data is used by joint military operation and transportation planners to model military deployment flow and assess throughput capability to determine the feasibility for COA to support deliberate planning, exercises, and crisis situations. The JFAST is a PC-based analysis tool that JOPEs developed TPFDD, JOPEs SRF, TCC systems data, NRG-provided movement requirements, and user-specified parameters as input. All required JOPEs data to perform JFAST analysis, except the notional requirements data required by the NRG, are available from the JOPEs databases and reference files. Therefore, this enclosure will focus on the data required by the NRG module of JFAST.

b. NRG. The NRG module of JFAST provides a quick method to estimate transportation requirements and approximate time-phasing in a "no plan" situation where actual TPFDD information may not exist. The data required for the NRG are entered through the NRG-Service Interface module and can be extracted from an existing TPFDD or TPFDDs in development, Service planning system databases, or Service-unique force data from non- GCCS Standard ADP systems. This enclosure standardizes the input formats for the NRG-Service Interface module.

2. Submitted By. The information specified in this enclosure will be submitted by the Military Services: the USA, USN, USAF, and USMC.

3. Submitted To. The information specified in this enclosure will be submitted to USTRANSCOM TC J3/OP.

4. When Submitted. The Services will provide the information required to populate the NRG database annually, when the JSCP is published,

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and when other force changes occur that significantly alter the composition and availability of major combat and support forces.

5. How Submitted

a. Classification. NRG-Service Interface programs are unclassified. If classified data are introduced to the NRG-Service Interface, the originator in accordance with the highest classification of the report content will classify information.

b. Transmission. The Services will provide USTRANSCOM TC J3/OP the force data using ASCII text. Classification of the report will dictate the method of transmittal or delivery of the data to USTRANSCOM TC J3/OP. For required JOPES information, the user will download the information directly from the JOPES and JOPES SRF databases.

6. Specific Reporting Instructions. Each set of Service data must be provided in a single TPFDD format ASCII file. Each record in the TPFDD Force Record file must be 384 characters wide (e.g., no spaces or other delimiters between TPFDD fields). Because all USMC forces are tailored, it is necessary to include the SRF Force Cargo Category records (72 characters wide) in each of the four USMC files. It is assumed the standard data included in TUCHA will provide the needed cargo detail for the force records provided by the other Services. TPFDD naming convention is by FY and Service code. The convention is NRG+Service code+year. For example, the FY 98 TPFDD for the Army will be identified as "NRGA98," for the Air Force "NRGF98," for the Navy "NRGN98," and for the Marine Corps "NRGM98."

a. Army. The Army provides required forces data in TPFDD format in two files: ALF, consisting of major combat forces, and the CFP data, consisting of CS and CSS forces. ALF should be identified in force modules containing the major combat force headquarters and the associated subordinate units in the "NRGA (fiscal year)" TPFDD (e.g., NRGA98). The CFP data will be provided in a TPFDD named "NRGW (fiscal year)" (e.g., NRGW98).

b. Navy. The Navy provides required force data in TPFDD format in one file consisting of common-user lift requirements for units (e.g., hospitals, construction battalions, P-3 squadrons, etc.) that require transportation support.

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c. Air Force. The Air Force provides major force data (combat, CS, and CSS) in TPFDD format in one file.

d. Marine Corps. The Marine Corps provides detailed force (combat, CS, and CSS) data in TPFDD format. The data are extracted from the MAGTF ADP system and provided in the following four files:

(1) Notional Marine Expeditionary Force Command Element

(2) Notional Air Contingency Force

(3) Notional Amphibious Marine Expeditionary Brigade (common-user lift requirements only), and

(4) Notional Maritime Pre-positioned Force (fly-in echelon only).

7. Data Element Description. For the external systems, the format for the data information is as follows: A reference number; the current long name; field size; type of data; a COMMENTS section containing data definition (or reference to the appropriate table in the JOESREP, CJCSM 3150.16), and relative data location in the record; and an EDIT section containing Service use, editing, and additional information for each Service. Although each of the Service data files are to be provided in standard TPFDD format, it is understood that many of the fields in the TPFDD files are not used by the NRG. The following data elements are identified in TPFDD sequence and a value must be provided for each field. Fields not used may be empty (blank) but not omitted. All table references are from the JOESREP, CJCSM 3150.16.

a. Force Data Record

<u>REF #</u>	<u>DATA ELEMENT NAME</u>	<u>SIZE</u>	<u>TYPE</u>
F001	Record Type	1	A

COMMENTS. System generated. Contains a code that identifies the type of TPFDD record. Will contain a blank to denote Force Record.

EDIT: Required data. Must be blank.

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F002 Force Requirement Number (FRN)

COMMENTS: Provides identification of a force required for a given plan or document. Detailed instructions are provided in Tables A-3 and A-27.

EDIT: Must be blank.

F003 Fragmentation Code 1 A

COMMENTS: Designates a fragmentation or increment of the required force. Fragmentation of force unit identification data into a number of iterations is required where, for example, the units assemble from different sources or locations to make up the required force or are transported by different modes or sources of transportation, or require deployment in time-unit satisfies the total force requirement and the unit deploys in a single increment.

EDIT: Must be in accordance with Table A-3 or blank.

F004 Insert Code 1 AN

COMMENTS: Designates a fragmentation or increment. Used to retain original fragmentation of forces when a planned movement requirement requires additional subdivision. Leave blank when FRAG is blank.

EDIT: Must be in accordance with Table A-3.

F005 Providing Organization Code 1 AN

COMMENTS: Identifies the organization designated by appropriate allocation documents that will provide the unit for the force requirement being reported.

EDIT: Required data. See Table A-4 for allowed values.

F006 Service 1 AN

<u>REF #</u>	<u>DATA ELEMENT NAME</u>	<u>SIZE</u>	<u>TYPE</u>
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EDIT: Required data. See Table A-5 for allowed values.

COMMENTS: This code identifies the generic type of unit required for the specific force being reported.

EDIT: Required data. Must not contain the letters I or O. In addition, must be one of the UTCs contained in the TUCHA file, one with the last four characters equal to 99BB, or one with the last three characters equal to Z99 and a Service Code of F (USAF). See Table A-6, for additional information.

COMMENTS: Identifies the alphabetic code associated with each organization that describes the level of the force identified in the record.

EDIT: Required data. System generated from TUCHA when standard UTC entered in F007. See Table A-7 for allowed values.

COMMENTS: Contains a free-form description of the identified force requirement unit type and level.

EDIT: Required data. System generated from TUCHA when standard UTC entered in F007. Must be alphanumeric and not left blank.

COMMENTS: Instructions for use of this field will be provided by the Service headquarters. Note: USA component commanders will enter the first five characters of TPSN, per AR 18-19, for all USA units. USAF units will enter codes in

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accordance with AFM 10-401. For USN Reserve units, field contains a valid active duty UIC (AUIC).

EDIT: Optional data. No edit check.

ARMY. ALF, (Value Required). Used for Troop Sequence Number (TPSN). CFP, (Blank).

NAVY. AUIC for Reserve Units.

AIR FORCE. (Value Required). Used to indicate whether a unit is Active, Guard, or Reserve.

MARINE CORPS. (Blank).

F011	Force Indicator Code (FIC)	1 N
<u>REF #</u>	<u>DATA ELEMENT NAME</u>	<u>SIZE</u> <u>TYPE</u>

COMMENTS: System generated. The FIC distinguishes between a standard and nonstandard force requirement.

EDIT: Required data. See Table A-8 for allowed codes and data elements.

F012	Parent Indicator Code (PIC)	1 A
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COMMENTS: Distinguishes and independent or subordinate force requirement from a parent force requirement. Note: A blank PIC

indicates an independent or subordinate and an X denotes a secondary parent. A primary parent PIC may be A, P, or X. For subordinates: the value X indicates that all will move in a nonsplit-shipment mode, the value A indicates all will move via the split-shipment mode, and the value of P means some will move via the split-shipment mode.

EDIT: Required data. Enter Blank, X, A, or P. See Table A-29 for examples.

F013	Unit Identification Code (UIC)	6 AN
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COMMENTS: The UIC identifies the actual unit registered in GSORTS, as required by Joint Pub 1-03.3, to fill the force requirement. NOTE: When actual units are not available and notional units are designated, leave field blank. USN Reserve units are identified by a valid RUIC.

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EDIT: Must be UIC registered in GSORTS, or left blank. See Table A-15, UIC First-Character Codes, for identification of the first position of the UIC.

ARMY. ALF, (Value Required); CFP, (Blank).
NAVY. (Value Required).
AIR FORCE. (Value Required).
MARINE CORPS. (Value Required)

F014 Unit Name

30 AN

COMMENTS: The specific unit name for the UIC assigned to fill the force requirement. Note: Actual Army units will be identified as follows: unit number (4 characters), branch (2 characters), combat arms regimental system code (2 characters), short name unit description (11 characters), Army component code (1 character), and Army standard requirements code (10 characters).

EDIT: Required data if UIC is reported or blank. JOPES acquires the unit name from the GSORTS listing for a registered UIC. See Table A-31, for additional information.

F015 Project Code

3 AN

COMMENTS: The code used by commands to identify special projects and applications.

REF # DATA ELEMENT NAME

SIZE TYPE

EDIT: Optional data. Field may be blank if not required.

ARMY. ALF, (Blank); CFP, (Value Required). This is a United States Army Forces Command (FORSCOM)-developed CFP code that indicates whether the unit supports a heavy or light division, is a corps or theater support unit, etc.

NAVY. (Blank).

AIR FORCE. (Value Required). This code is used to link aviation units with their direct support units.

MARINE CORPS. (Value Required). Specific project codes are: FIE (Fly in Echelon), PRE (pre-positioned), MPS (Maritime Pre-positioning

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Ship), AMP (Amphib), MEU (Marine Expeditionary Unit), ACF (Air Contingency Force), SLR (Survey, Liaison Reconnaissance Party), OPP (Offload Preparation party), LFM (LForm), FWD (MEF FWD CE).

F016 Authorized Personnel

5 N

COMMENTS: Identifies the personnel strength that satisfies the specific force requirements after arrival in the objective area. NOTE: For standard force requirements, strength is defined by UTC. For nonstandard force requirements, personnel strength is either established for a nonstandard UTC or a tailored to modify a standard UTC for use in an identified OPLAN. See JOPEsREP, CJCSM 3150.16. Tables A-6 and A-8. Personnel strength includes all PAX transported to the objective area by all modes of transportation. See Table A-9.

EDIT: Required data. Must be numeric and equal to or greater than the number of passengers.

F017 Personnel Requiring Nonorganic Transport

5 N

COMMENTS: Indicates the number of personnel, in a force requirement, that require nonorganic transportation.

EDIT: Required data. For nonstandard UTCs with a FIC of 1 or 8, user must enter a numeric value for PAX. System generated from the TUCHA file, for UTCs having a FIC of 0 or 2, and for a UIC with a FIC of 9. See Table A-8 for FIC explanation. Value must be 0 for parent units, in-place units, or the cargo portion of a split shipment. Value must also be less than or equal to Authorized Personnel.

F018 Bulk Cargo in Short Tons (STONs)

7 N

COMMENTS: System generated or operator input for non-standard or tailored UTCs. Indicates the total STONs of bulk cargo associated with the unit/force.

EDIT: Required data. Must be numeric. Value is expressed in a whole number and tenths (example: 0000123 = 12.3 STONs). Value must be 0 for parent units and the personnel portion of a split shipment.

REF # DATA ELEMENT NAME**SIZE TYPE**

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F019 Bulk Cargo in Measurement Tons (MTONS) 7 N

COMMENTS: System generated or operator input for non-standard or tailored UTCs. Indicates the total MTONS of bulk cargo associated with the force.

EDIT: Required data. Value is expressed in a whole number (example: 0000012 = 12 MTONS). Value must be 0 for parent units and the personnel portion of a split shipment.

F020 Oversized Cargo in Short Tons (STONS) 7 N

COMMENTS: System generated or operator input for non-standard or tailored UTCs. Indicates the total STONS oversized cargo associated with the force.

EDIT: Required data. Must be numeric. Value is expressed in a whole number and tenths (example: 0000123 = 12.3 STONS). Value must be 0 for parent units and the personnel portion of a split shipment.

F021 Oversized Cargo in Measurement Tons (MTONS) 7 N

COMMENTS: System generated or operator input for non-standard or tailored UTCs. Indicates the total MTONS of oversized cargo associated with the force.

EDIT: Required data. Value is expressed in a whole number (example: 0000012 = 12 MTONS). Value must be 0 for parent units and the personnel portion of a split shipment.

F022 Outsized Cargo in Short Tons (STONS) 7 N

COMMENTS: System generated or operator input for non-standard or tailored UTCs. Indicates the total STONS of outsized cargo associated with the force.

EDIT: Required data. Value is expressed in a whole number and tenths (example: 0000123 = 12.3 STONS). Value must be 0 for parent units and the personnel portion of a split shipment.

F023 Cargo in Measurement Tons (MTONS) 7 N

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COMMENTS: System generated or operator input for non-standard or tailored UTCs. Indicates the total MTONS of outsized cargo associated with the force.

EDIT: Required data. Value is expressed in a whole number (example: 000012 = 12 MTONS). Value must be 0 for parent units and the personnel portion of a split shipment.

<u>REF #</u>	<u>DATA ELEMENT NAME</u>	<u>SIZE</u>	<u>TYPE</u>
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F024	Non-Air Transportable (NAT) Cargo in		
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	Short Tons (STONS)	7	N
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COMMENTS: System generated or operator input for non-standard or tailored UTCs. Indicates the total STONS of NAT cargo associated with the force.

EDIT: Required data. Value is expressed in a whole number and tenths (example: 0000123 = 12.3 STONS). Value must be 0 for parent units and the personnel portion of a split shipment.

F025	Non-Air-Transportable Cargo in Measurement Tons (MTONS)	7	N
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COMMENTS: System generated or operator input for non-standard or tailored UTCs. Indicates the total MTONS of NAT cargo associated with the force. Relative Position (155-161).

EDIT: Required data. Value is expressed in a whole number (example: 0000012 = 12 MTONS). Value must be 0 for parent units and the personnel portion of a split shipment.

F027	Number of Cargo Categories	2	N
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COMMENTS: System generated or operator input for non-standard or tailored UTCs. Contains the actual number of cargo categories associated with the identified unit.

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EDIT: Required data. Value must be 0 for parent units and the personnel portion of a split shipment.

F028	Number of Reported Cargo Categories	2	N
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COMMENTS: System generated or operator input for non-standard or tailored UTCs. Contains the count of cargo categories as defined by the originator of the cargo data for the unit.

EDIT: Required data. Value must be 0 for parent units and the personnel portion of a split shipment.

F029	Type Unit Characteristic Status Indicator	1	AN
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COMMENTS: Indicates the identified force record contains user-provided data vice TUCHA file data.

EDIT: System generated, no entry required. A value of X indicates the Force Description is non-TUCHA standard.

F030	Origin Geographic Location Code (GEOLOC)	4
AN		

REF #	DATA ELEMENT NAME	SIZE	TYPE
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COMMENTS: Identifies the specific GEOLOC (from the GEOFILE) for the originating point of the unit. For notional units, the most likely station where the unit will become available is used.

EDIT: Required data. See Table A-12, for explanation and references to the standard specified GEOFILE. If the user enters a UIC registered in SORTS, this entry is not required unless the point of origin is different from the "home location" of the unit.

F031	Origin Country/State Code	2	AN
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COMMENTS: System generated from the GEOFILE. Identifies the country or state of origin, associated with the Origin GEOLOC, for a given requirement.

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EDIT: Must be blank if Origin is blank. See Table A-12, for additional information.

F032 Unit Ready to Load Date 4 AN

COMMENTS: Identifies the day, relative to C-day, the unit is ready to initiate loading at the origin. Note: This is synonymous with the

availability date for the unit indicated in either JSCP or the various Service supplemental planning documents.

EDIT: Required when UIC is designated. Must be blank for a parent or in-place unit. When used, must be less than or equal to ALD, EAD, LAD, or and RDD. See Table A-14 for additional information.

F033 Port of Embarkation (POE) GEOLOC 4 AN

COMMENTS: Leave blank. NRG provides a user interface for inserting data in this field.

EDIT: None.

F034 Port of Embarkation (POE) Country/State Code 2 AN

COMMENTS: System generated from the GEOFILE. Identifies the country or state in which the POE is located (associated with the POE GEOLOC).

EDIT: Must be blank since POE GEOLOC is blank.

F035 Port of Embarkation Available to Load Date 4 AN

COMMENTS: The ALD specifies a day relative to C-day when equipment and personnel will be ready to outload at the POE. Note: The date is based on movement considerations such as RLD, mode of transportation, EAD, and LAD.

<u>REF #</u>	<u>DATA ELEMENT NAME</u>	<u>SIZE</u>	<u>TYPE</u>
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EDIT: Must be blank. NRG provides a user interface for entering data in this field.

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F036 Port of Embarkation Earliest Delivery Date 4 AN

COMMENTS: System generated. A day relative to C-day when the first increment of the unit would arrive at the POD.

EDIT: Must be blank.

F037 Port of Embarkation Preferred Mode 1 A

COMMENTS: Identifies the preferred mode of transportation of an identified unit to the POE.

EDIT: No entry required for in-place or parent units. See Table A-9 for allowed values.

F038 Port of Embarkation Preferred Source 1 A

COMMENTS: Identifies the preferred source of transportation of an identified unit to the POE.

EDIT: No entry required for in-place or parent units. See Table A-9 for allowed values.

F039 Alternate POE Geographic Location Code 4 A N

COMMENTS: Identifies a valid GEOLOC from the GEOFILE for an alternate POE for the force being reported.

EDIT: Must be blank.

F040 Alternate POE Country/State Code 2 A N

COMMENTS: System generated from the GEOFILE. This code identifies the country or state in which the alternate POE for the deployed force is located.

EDIT: Must be blank.

F048 Intermediate Location Load Configuration 1 A

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COMMENTS: Describes the type of loading for delivery of the force to the intermediate location.

EDIT: Must be blank.

F049 Intermediate Location Discharge Constraints 2 A

REF # DATA ELEMENT NAME **SIZE TYPE**

COMMENTS: This code identifies discharge limitations or restrictions at the intermediate location. Note: Limited to space for two restrictions at the intermediate location. If additional constraints are required, they should be described.

F041 Intermediate Location GEOLOC Code 4 A N

COMMENTS: The valid GEOLOC code from the GEOFILE of the intermediate location for the force being reported.

EDIT: Must be blank.

F042 Intermediate Location Country/State Code 2 A N

REF # DATA ELEMENT NAME **SIZE TYPE**

COMMENTS: System generated. This code identifies the country or state (associated with the intermediate GEOLOC) in which the intermediate location for the deployed force is located.

EDIT: Must be blank.

F043 Intermediate Location Preferred Mode 1 A

COMMENTS: Identifies the preferred mode of transportation for a force movement to the intermediate location.

EDIT: Must be blank.

F044 Intermediate Location Preferred Source 1 A

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COMMENTS: Identifies the preferred source of transportation for a force movement to the intermediate location.

EDIT: Must be blank.

F045 Days Delay at Intermediate Location 3 N

COMMENTS: Indicates the number of days delayed at the intermediate location.

EDIT: Must be blank.

F046 Type of Delay at the Intermediate Location 1 A

COMMENTS: Defines whether the delay includes only a portion of or all of the force.

EDIT: Must be blank

F047 Location of Intermediate Stop 1 A

COMMENTS: Indicates between which two itinerary points the intermediate location occurs. Note: Options are between origin and POE, POE, and POD, and POD and destination.

EDIT: Must be blank.

F048 INTERMEDIATE Location Load Configuration 1 A

COMMENTS: Describes the type of loading for delivery of the force to the intermediate location.

EDIT: Must be blank.

F049 Intermediate Location Discharge Constraints 2 A

<u>REF #</u>	<u>DATA ELEMENT NAME</u>	SIZE	TYPE
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COMMENTS: This code identifies discharge limitations or restrictions at the intermediate location. Note: Limited to space for two restrictions at the intermediate location. If additional constraints are required, they should be described in the Remarks record.

EDIT: Must be blank.

F050 Port of Debarkation (POD) GEOLOC 4 A N

COMMENTS: Identifies a valid GEOLOC from the GEOFILE for the POD for the force being reported. Note: If POD is unknown, but the country is known, use GEOLOC that means Unknown Location in the country name. If country code is also unknown, use GEOLOC that means Unknown Foreign Location.

EDIT: Must be blank. NRG provides a user interface for entering data in this field.

F051 POD Country/State Code 2 A N

COMMENTS: System generated (from GEOFILE). This code identifies the country or state (associated with the POD GEOLOC) in which the POD is located.

EDIT: Must be blank.

F052 POD Earliest Arrival Day 4 A N

COMMENTS: A day relative to C-day that is specified as the earliest date when a unit, resupply shipment, or replacement personnel can be accepted at the POD during deployment.

EDIT: Must be blank. NRG provides a user interface for entering data in this field.

F053 POD Latest Arrival Day 4 A N

COMMENTS: A day relative to C-day that is specified as the latest date when a unit, resupply shipment, or replacement personnel can be accepted at the POD during deployment.

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EDIT: Must be blank. NRG provides a user interface for entering data in this field.

F054 POD Feasible Arrival Date 4 A N

COMMENTS: Specifies the actual date the last increment of the unit completes unloading at the POD.

EDIT: Must be blank.

<u>REF #</u>	<u>DATA ELEMENT NAME</u>	<u>SIZE</u>	<u>TYPE</u>
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F055 POD Projected Days Late	2	N
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COMMENTS: Indicates the number of days the unit is expected to be late arriving at the POD.

EDIT: Must be blank.

F056 Port of Debarkation Preferred Mode 1 A

COMMENTS: Identifies the preferred mode of transportation for a force movement to the POD.

EDIT: Must be blank for a parent unit or in-place unit. See Table A-9 for allowed values.

F057 POD Preferred Source 1 A

COMMENTS: Identifies the preferred source of transportation for a force movement to the POD.

EDIT: Must be blank for a parent unit or in-place unit. See Table A-9 for allowed values.

F058 POD Load Configuration 1 A

COMMENTS: Describes the type of loading for delivery of the force to the POD or ocean area.

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EDIT: Must be blank for a parent unit or in-place unit. See Table A-10 for allowed values.

F059	POD Discharge Constraints	2	A
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COMMENTS: This code identifies discharge limitations or restrictions at the POD. Note: Limited to space for two restrictions at the POD. If additional constraints are required, they should be described in the Remarks record.

EDIT: Must be blank for a parent unit or in-place unit. See Table A-11 for allowed values.

F060 Alternate POD GEOLOC	4	A N
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COMMENTS: Identifies the GEOLOC from the GEOFILE of an alternate POD.

EDIT: Must be blank.

F061	Alternate POD Country/State Code	2	A N
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COMMENTS: System generated (from GEOFILE). This code identifies the country or state (associated with the Alternate POD GEOLOC) in which the POD for the deployed force is located.

EDIT: Must be blank.

F062 Alternate POD Priority for Arrival	3	N
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COMMENTS: Indicates the desired sequence of arrival at the POD.
 Note: Value is a three-digit number (001-999) or blank. A given number may only be used once on a given LAD regardless of the number of PODs.

EDIT: Must be blank for a parent or in-place unit. Required data unless the unit is on call to the POD or the POD is an ocean area.
Optional data when unit is on call or no terminal throughput

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considerations apply (amphibious assault area). When used, must be a three-digit number.

F063 POD Priority Add On

1 A

COMMENTS: Provides a means of inserting a force requirement into the POD Priority for Arrival without resequencing the already assigned priorities.

EDIT: Allowed values are all letters except I and O. Must be blank for in-place or parent unit, otherwise, optional data.

F064 Destination (POD) GEOLOC

4 A N

COMMENTS: The valid GEOLOC from the GEOFILE for the destination of the force being reported. Note: If the destination is unknown, but the country is known, use GEOLOC that means unknown location in the country name. If country code is also unknown, use GEOLOC that means unknown foreign location.

EDIT: Must be blank. NRG provides a user interface for entering data in this field.

F065 Destination Country/State Code

2 A N

COMMENTS: System generated (from GEOFILE). This code identifies the country or state (associated with the destination GEOLOC) in which the destination for the deployed force is located.

EDIT: If Must be blank.

F066 Destination Required Delivery Date (RDD)

4 A N

COMMENTS: A day relative to C-day when a unit must arrive at its destination and complete unloading

EDIT: Must be blank. NRG provides a user interface for entering data in this field.

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<u>REF #</u>	<u>DATA ELEMENT NAME</u>	<u>SIZE</u>	<u>TYPE</u>
--------------	--------------------------	-------------	-------------

F067	Destination Preferred Mode	1	A
------	-----------------------------------	---	---

COMMENTS: Identifies the preferred mode of transportation for a force movement to the destination.

EDIT: Must be blank.

F068	Destination Preferred Source	1	A
------	-------------------------------------	---	---

COMMENTS: Identifies the preferred source of transportation for a force movement to the destination.

EDIT: Must be blank.

F069	Destination Load Configuration	1	A
------	---------------------------------------	---	---

COMMENTS: Describes the type of loading for delivery of the force to the destination.

EDIT: Must be blank for a parent unit or in-place unit. See Table A-10 for allowed values. If the POD and destination are the same, value must be N.

F070	Destination Discharge Constraints	2	A
------	--	---	---

COMMENTS: This code identifies discharge limitations or restrictions at the destination. Note: Limited to space for two

restrictions at the destination. If additional constraints are required, they should be described in the remarks record.

EDIT: Must be blank for a parent unit or in-place unit. See Table A-11 for allowed values.

b. Nonstandard Force Cargo Requirements Data

K01	Record Key	18	A N
-----	-------------------	----	-----

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K01A	Primary Record Type	1	N
------	---------------------	---	---

EDIT: Required data. Must contain the value 3.

EDIT: Required data. Must be blank.

EDIT: Required data. Must be in accordance with Table A-3.

EDIT: Required data. Must contain the value K.

EDIT: Required data. Must be in accordance with Table A-18.

COMMENTS: System generated. Will contain 000 to denote a Nonstandard Force Cargo Category Record.

EDIT: Required data. Must contain the numeric value 000.

K01G	Special Key Filler	2	N
------	--------------------	---	---

COMMENTS: System generated. Will contain the value 00.

EDIT: Required data. Must contain the numeric value 00.

K02	Cargo Square Feet	6	N
-----	-------------------	---	---

COMMENTS: Indicates the number of square feet of deck space required for this cargo category.

EDIT: Must be numeric and greater than zero if any cargo within this cargo category is greater than 35 feet in any dimension, or if the first position of Cargo Category Code is A, B, C, D, K, L, or R. Otherwise, must contain zero.

K03	Cargo Weight (STONs)	6	N
-----	-----------------------------	---	---

REF #	DATA ELEMENT NAME	SIZE	TYPE
-------	-------------------	------	------

COMMENTS: Indicates the number of STONs to the nearest tenth.
Example: 00123 = 12.3 STONs. If containerized, do not include container weight.

REF #	DATA ELEMENT NAME	SIZE	TYPE
-------	-------------------	------	------

EDIT: Must be zero when cargo category defines bulk POL. Otherwise, must be numeric and greater than zero. Must equal the total cargo STONS of all associated Force Cargo Detail Records, if present.

K04 Cargo Cube (MTONS)	6	N
-------------------------------	---	---

COMMENTS: Indicates the number of whole MTONS. Example: 000012 = 12 MTONS.

EDIT: Must be zero when cargo category defines bulk POL. Otherwise, must be numeric and greater than zero. Must equal the total cargo MTONS of all associated Force Cargo Detail Records, if present.

K05 Cargo Bulk POL (CBBL5) 6 N

COMMENTS: Indicates the amount of bulk POL, in hundreds of barrels, defined by this cargo category. Example: 000056 = 5,600 barrels.

EDIT: Must be zero for all cargo category except bulk POL. Otherwise, must be numeric and greater than zero.

K06 Heavy Lift/Dimension Code 1 A

COMMENTS: Describes the heaviest item and the greatest dimension of the largest item in the cargo category described. Bulk POL and granular cargo are not considered. If containerized, do not include container weight. Codes are in Table A-19.

EDIT: Must be blank when cargo category describes bulk POL or granular cargo. Otherwise, must be one of the codes in Table A-19.

K07 Total Number of Cargo Detail Record 2 N

COMMENTS: System generated. Contains the actual count of Force Cargo Detail Records associated with this cargo category.

EDIT: Required data. Must contain zero if there are no associated Force Cargo Detail Records for the cargo category described in this record. Otherwise, must be numeric and greater than zero.

K08 Reported Number of Cargo Detail Records 2 N

COMMENTS: System generated. Contains the count of Force Cargo Detail Records as defined by the originator of the cargo category data for this record.

<u>REF #</u>	<u>DATA ELEMENT NAME</u>	<u>SIZE</u>	<u>TYPE</u>
---------------------	---------------------------------	--------------------	--------------------

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EDIT: Required data. Must contain zero if there are no associated Force Cargo Detail Records for the cargo category described in this record. Otherwise, must be numeric and greater than zero.

K09 Aggregation Switch 1 A

COMMENTS: System generated. This data element defines an internal processing control field.

EDIT: None.

K10 Reserved 1 A N

COMMENTS: This data element is currently not used.

EDIT: None.

K11 Select Code 1 A

COMMENT: System generated. This data element is an internal processing control field.

EDIT: None.

K12 Date Record Was Last Changed (YYMMDD) 6 N

COMMENTS: System generated. Will contain the date this record was last changed. Format is year, month, and day.

c. **Nonstandard Force Cargo Detail Data**

T01 Record Key 18 A N

COMMENTS: The following seven data elements are combined to form the key field for processing control.

T01A Primary Record Type 1 N

COMMENTS: System generated. Will contain the value 3.

EDIT: Required data. Must contain the value 3.

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T01B	TPFDD Record	1	A
------	---------------------	---	---

COMMENTS: System generated. Will be blank to denote association with a force record.

EDIT: Required data. Must be blank.

T01C ULN 7 AN

REF #	DATA ELEMENT NAME	SIZE	TYPE
-------	-------------------	------	------

COMMENTS: Relates this record to the associated TPFDD force record. Detailed instructions are provided in Table A-3.

EDIT: Required data. Must be in accordance with Table A-3.

T01D	Secondary Record Type	1	A
------	-----------------------	---	---

COMMENTS: System generated. Will contain the value K to denote a Nonstandard Force Cargo Category Record..

EDIT: Required data. Must contain the value K.

T01E	Cargo Category Code	3	A N
------	----------------------------	---	-----

COMMENTS: Indicates the code for the kind of cargo described in this record. See Table A-18 for an explanation of cargo category codes.

EDIT: Required data. Must be in accordance with Table A-18.

T01F	Record Identification Number	3	N
------	-------------------------------------	---	---

COMMENTS: System generated. Will contain a number (001-999) that uniquely identifies each Force Cargo Detail Record within the cargo category defined in Column Reference Code T01E.

EDIT: Required data. Must be numeric and greater than zero.

T01G Special Key Filler

COMMENTS: System generated. Will contain the value 00.

EDIT: Required data. Must be numeric and greater than zero.
System generated when items T03, T04, and T05 are provided.

T07 Number of Pieces 3 N

COMMENTS: The total number of pieces of the item of equipment described in the record.

EDIT: Required data. Must be numeric and greater than zero.

T08 Cargo Weight (STONS) 6 N

COMMENTS: Indicates the number of STONS to the nearest tenth.
Example: 00123 = 12.3 STONS. If containerized, do not include container weight.

EDIT: Required data. Must be numeric and greater than zero.

T09 Cargo Cube (MTONS) 6 N

REF # DATA ELEMENT NAME **SIZE** **TYPE**

COMMENTS: Indicates the cube in MTONS to the nearest tenth, of one piece of the equipment described in this record. Example:
0000123 = 12.3 MTONS.

EDIT: Required data. Must be numeric and greater than zero.
System generated when items T03, T04, and T05 are provided.

T10 Reserved 4 A N

COMMENTS: This data element is currently not used.

EDIT: None.

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T11 Select Code

1 A

COMMENT: System generated. This data element is an internal processing control field.

EDIT: None.

T12 Date Record Was Last Changed (YYMMDD)

6 N

COMMENTS: System generated. Will contain the date this record was last changed. Format is year, month, and day.

EDIT: None.

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REF #	FORCE DATA RECORD NAME	TYPE /SIZE	PSN	A/ALF	A/CFP	N	AF	MC
TR001	UNIT LINE NUMBER	7AN	02-08					X
TR002	SERVICE CODE	1A	10-10	X	X	X	X	X
TR003	UNIT TYPE CODE	5AN	11-15	X	X	X	X	X
TR004	UNIT LEVEL CODE	3A	16-18	X	X	X	X	X
TR005	FORCE DESCRIPTION	31AN	19-49	X	X	X	X	X
TR006	FORCE DESCRIPTION(SVC RESERVED)	5AN	50-54	X			X	
TR007	UNIT IDENTIFICATION CODE	6AN	57-62	X		X	X	X
TRO08	UNIT NAME	30AN	63-92	X	X	X	X	X
TR009	PROJECT CODE	3AN	93-95		X		X	X
TR010	AUTHORIZED PERSONNEL	5N	96-100	X	X	X	X	X
TR011	TOTAL PERSONNEL REQUIRING NON-ORGANIC TRANSPORTATION	5N	101-105	X	X	X	X	X
TRO12	TOTAL BULK CARGO IN STONS	7N	106-112	X	X	X	X	X
TR013	TOTAL BULK CARGO IN MTONS	7N	113-119	X	X	X	X	X
TR014	TOTAL OVERSIZED CARGO IN STONS	7N	120-126	X	X	X	X	X
TR015	TOTAL OVERSIZED CARGO IN MTONS	7N	127-133	X	X	X	X	X
TR016	TOTAL OUTSIZED CARGO IN STONS	7N	134-140	X	X	X	X	X
TR017	TOTAL OUTSIZED CARGO IN MTONS	7N	141-147	X	X	X	X	X
TR018	TOTAL NON-AIR TRANSPORTABLE CARGO IN STONS	7N	148-154	X	X	X	X	X
TR019	TOTAL NON-AIR TRANSPORTABLE CARGO IN MTONS	7N	155-161	X	X	X	X	X
TR020	ORIGIN GEOGRAPHIC LOCATION CODE	4AN	174-177	X		X	X	X
TR021	PORT OF EMBARKATION GEOLOC CODE	4AN	184-187	X		X	X	X
TR022	PORT OF DEBARKATION PREFERRED MODE	1A	242-242	X	X	X	X	X
TR023	PORT OF DEBARKATION PREFERRED SOURCE	1A	243-243	X	X	X	X	X

KEY: PSN - Relative Position, A - Army, ALF - Above Line Forces,
CFP - Contingency Force Pool, N - Navy, AF - Air Force, MC - Marine Corps

FIGURE E-1. NRG Force Data Synopsis

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<u>REF #</u>	<u>SRF CARGO DETAIL RECORD</u>	<u>TYPE/SIZE</u>	<u>PSN</u>
TR 024	RECORD KEY NUMBER	18AN	0-18
	(1) PRIMARY RECORD TYPE	1N	01-01
	(2) TPFDD RECORD TYPE	1A	02-02
	(3) ULN	7AN	03-09
	(4) SECONDARY RECORD TYPE	1A	10-10
	(5) CARGO CATEGORY CODES	3AN	11-13
	(6) RECORD ID NUMBER	3N	14-16
	(7) SPECIAL KEY FILLER	2N	17-18
TR 025	CARGO SQUARE FEET	4N	43-46
TR 026	CARGO WEIGHT STONS	6N	50-55
TR 027	CARGO CUBE MTONS	6N	56-61

KEY: PSN - RELATIVE POSITION

FIGURE E-2. NRG Marine Corps SRF Data Synopsis

GLOSSARY

PART I - ABBREVIATIONS AND ACRONYMS

ACC	Air Combat Command
ADP	automated data processing
AFCENT	NATO Allied Forces Central Command
AFMC	Air Force Material Command
AFNORTHWEST	NATO Allied Forces North Western Command
AFOE	Assault Follow-On Echelon
AFSOUTH	NATO Allied Forces Southern Command
AIG	Address Indicating Group
AIM	air-intercept missiles
ALD	available-to-load date (at POE)
ALF	"above the line" forces
AMC	Air Mobility Command
AMC	Army Material Command
APF	afloat pre-positioning force
APOE	aerial port of embarkation
APOD	aerial port of debarkation
AOR	area of responsibility
AUIC	Active Duty Unit Identification Code
BPWRS	bulk petroleum war reserve stocks
CARS	Combat Arms Regimental System
CBBLS	cargo bulk POL
CFP	contingency force pool
CIN	Cargo Increment Number
CINC	commander in chief
CJCS	Chairman of the Joint Chiefs of Staff
CONPLAN	concept plan
CONUS	continental United States
COA	course of action
COMPO	component code
CRAF	Civil Reserve Air Fleet
CRAFREP	Civil Reserve Air Fleet Summary Report
CS	combat support
CSS	combat service support
DESC	Defense Energy Support Center
DISA	Defense Information Systems Agency
DLA	Defense Logistics Agency
DMDC	Defense Management Data Center
DODIC	DOD Identification Code
DOS	days of supply
DTG	date-time group
EAD	earliest arrival date (at POD)
EASTLANT	eastern Atlantic
ERSD	estimated return to service date

FEMA	Federal Emergency Management Agency
FIC	force indicator codes
FIE	
FRAG	fragmentation code
FRN	force requirement number
FY	fiscal year
GAL	gallons
GCCS	Global Command and Control System
GEOFILE	geolocation code file
GEOLOC	geographic location code
GSORTS	
HN	host nation
HNS	host-nation support
IPDS	Inland Petroleum Distribution System
JFAST	Joint Flow and Analysis System for Transportation
JMPAB	Joint Materiel Priorities and Allocation Board
JOPES	Joint Operation Planning and Execution System
JOPESEXP	Joint Operation Planning and Execution System
JPO	Joint Petroleum Office
JRS	Joint Reporting Structure
JS	Joint Staff
JSCP	Joint Strategic Capabilities Plan
JSPS	Joint Strategic Planning System
LAD	latest arrival date (at POD)
LGT	light
MAGTF	Marine air-ground task force
MBBL	thousands of barrels
MILSTAMP	military standard transportation and movement
MLRS	Multiple Launch Rocket System
MOD	moderate
MPF	maritime pre-positioning force
MPS	maritime pre-positioning ships
MPSRON	maritime pre-positioning ships squadron
MSC	Military Sealift Command
MTF	message text format
MTMC	Military Traffic Management Command
MTONS	measurement tons
MUREP	Munitions Status Report
NALC-NSN	Navy Ammunition Logistics Code-National Stock Number
NAT	non-air-transportable
NCA	National Command Authorities
NLT	not later than
NMCC	National Military Command Center

NORAD	North American Aerospace Defense Command
NRG	notional requirements generator
NSDA	non-self deployable aircraft
NSN	national stock number
OPCON	operational control
OPDS	offshore petroleum discharge system
OPLAN	operation plan
OPORD	operation order
OPR	office of primary responsibility
OSD	Office of the Secretary of Defense
PAX	passengers
PC	personal computer
PD	pods
POD	port of debarkation
POE	port of embarkation
POL	petroleum, oil and lubricants
PID	plan identification number
PIN	personnel increment number
POLCAP	Bulk Petroleum Capabilities Report
PREPO	pre-positioned assets
PROVORG	providing organization
RDD	required delivery date
REPOL	Bulk Petroleum Contingency Report
RUIC	Reserve unit identification code
SEV	severe
SMCA	Single Manager for Conventional Munitions
SORTS	Status of Resources and Training System
SPOE	seaport of embarkation
SPOD	seaport of debarkation
SRF	summary reference file
SRC	standard requirement code
STARTEX	exercise start
STON(s)	short ton(s)
SVC	Service
TCC	Transportation Component Command
TD	technical document
TPFDD	Time-Phased Force and Deployment Data
TPSN	troop program sequence number
TUCHA	Type Unit Characteristics File
TUCHARP	Type Unit Characteristics Report
UIC	unit identification code
ULC	unit level codes
ULN	unit line number
USA	United States Army
USAF	United States Air Force
USCG	United States Coast Guard
USMC	United States Marine Corps

USN	United States Navy
USJFCOM	US Joint Forces Command
USCENTCOM	US Central Command
USEUCOM	US European Command
USPACOM	US Pacific Command
USSPACECOM	US Space Command
USSOUTHCOM	US Southern Command
USTRANSCOM	US Transportation Command
UTC	unit type code
WESTLANT	Western Atlantic
WRM	war reserve materiel
WRS	war reserve stocks
WRSA	war reserve stock allies

PART II - DEFINITIONS

combatant command. One of the unified or specified combatant commands established by the President. (Joint Pub 1-02)

combat service support (CSS). The essential capabilities, functions, activities, and tasks necessary to sustain all elements of operating forces in theater at all levels of war. Within the national and theater logistic systems, it includes but is not limited to that support rendered by service forces in ensuring the aspects of supply, maintenance, transportation, health services, and other services required by aviation and ground combat troops to permit those units to accomplish their missions in combat. CSS encompasses those activities at all levels of war that produce sustainment to all operating forces on the battlefield. (Joint Pub 1-02)

combat support (CS). Fire support and operational assistance provided to combat elements. Combat support includes artillery, air defense artillery, engineer, military police, signal, and military intelligence support. (Joint Pub 1-02)

combat zone. (1) That area required by combat forces for the conduct of operations. (2) The territory forward of the Army rear area boundary. (Joint Pub 1-02)

command and control. The exercise of authority and direction by a properly designated commander over assigned forces in the accomplishment of the mission. Command and control functions are performed through an arrangement of personnel, equipment, communications, facilities, and procedures employed by a commander in planning, directing, coordinating, and controlling forces and operations in the accomplishment of the mission. (Joint Pub 1-02)

communications zone. Rear part of theater of operations (behind but contiguous to the combat zone) which contains the lines of communications, establishments for supply and evacuation, and other agencies required for immediate

support and maintenance of the field forces. (Joint Pub 1-02)

host nation support (HNS) Civil and/or military assistance rendered by a nation to foreign forces within its territory during peacetime, crisis or emergencies, or war based upon agreements mutually concluded between nations. (Joint Pub 1-02)

joint force. A general term applied to a force composed of significant elements, assigned or attached, of two or more Military Departments, operating under a single joint force commander. (This term and its definition are provided for information and are proposed for inclusion in the next edition of Joint Pub 1-02 by Joint Pub 0-2.)

joint force commander (JFC). A general term applied to a combatant commander, sub-unified combatant commander, or joint task force commander authorized to exercise combatant command (command authority), operational control, or tactical control over a joint force. (This term and its definition are provided for information and are proposed for inclusion in the next edition of Joint Pub 1-02 by Joint Pub 0-2.)

National Command Authorities (NCA). The President and the Secretary of Defense or their duly deputized alternates or successors. (Joint Pub 1-02)

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